

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10732 (1983): Purchaser's Data Sheet for Gauge Glasses for Pressure Vessels [MED 17: Chemical Engineering Plants and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

PURCHASER'S DATA SHEET FOR GAUGE GLASSES FOR PRESSURE VESSELS

1. Scope — Covers the information to be provided by the purchaser while placing an enquiry or order for the purchase of gauge glasses for pressure vessels.

2. Data Sheet

PURCHASER'S DATA SHEET FOR GAUGE GLASSES

2.1 Types

- a) Tubular gauge glasses
- b) Protector glasses
- c) Through - vision glasses
- d) Reflex glasses
- e) Circular sight and light glasses
- f) Port gauge glasses

2.2 Materials

- a) Soda lime glass
- b) Borosilicate glass

2.3 Condition

- a) Annealed
- b) Toughened
- c) As-drawn

2.4 Grade (for Tubular Glasses)

- a) Ordinary (this shall be supplied unless otherwise stated)
- b) Selected

2.5 Dimensions

- a) Tubular gauge glasses — Length, external diameter
- b) Protector glasses — Length, width and thickness if non-standard
- c) Through-vision and reflex glasses — Size, number or length
- d) Circular sight and light glasses — Diameter, thickness
- e) Port gauge glasses — Diameter, thickness

2.6 Application

- a) Type of vessel
- b) Fluid in contact with the glass
- c) Any known corrosive effects of fluid on the glass

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2.7 Pressure

- a) Nominal working pressure (and/or vacuum) on the glass
- b) Maximum pressure (and/or vacuum) on the glass, for example, under test conditions

2.8 Temperature

- a) Maximum temperature inside the vessel
- b) Ambient temperature
- c) Any other thermal shock the glass is likely to be subjected to
- d) Whether the shock is an up-shock or a down-shock

2.9 Mounting

Details of how it is proposed to mount the glass

2.10 Work on the Glass

Details of all work to be done on the glass (in the case of toughened glass, all work must be done before toughening)

EXPLANATORY NOTE

The information given by a purchaser according to this data sheet will enable the manufacturer or the supplier to assess the exact requirement of the purchaser and to recommend the most suitable type of gauge glasses.